

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LIT-PI-420		SERIAL NO. <u>08/108,963</u> Filed Herewith	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gering		FILING DATE <u>11/8/2000</u> Filed Herewith	
				GROUP <u>Unknown</u>		17-53	

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U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
SHV	AA	3906927	Caplan	126	270		
SHV	AB	4883340	Dominguez	350	260		
SHV	AC	5650051	Wada et al	204	157.52		
SHV	AD	5999323	Wood	359	591		
SHV	AE	6037535	Yoshino	136	246		
	AF						
	AG						
	AH						
	AI						
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	AK						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AL							
AM							
AN							
AO							
AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
SHV	AR		Jackson, N.B., et al., "Attachment of TiO ₂ Powders to Hollow Gas Microbeads: Activity of the TiO ₂ -Coated Beads in the Photoassisted Oxidation of Ethanol to Acetaldehyde," <u>Journal of the Electrochemical Society</u> , Vol.138, No.12, 12/91, pp. 3660-3664.
SHV			Tseng, J., et al., "Photocatalytic Oxidation Process for the Treatment of Organic Wastes," <u>Chemical Oxidation, Proceedings of the First International Symposium Chemical Oxidation: Technology for the Nineties</u> , February 20-22, 1991, pp. 262-277.
SHV	AS		Rosenberg, I., et al., "Collection Optics of TiO ₂ Photocatalyst on Hollow Glass Microbeads Floatin on Oil Slicks," <u>Journal of Physical Chemistry</u> , Vol.96, No.8, 1992, pp. 3423-3428.
SHV			Matthews, R. W., "Purification of Water with Near-U.V. Illuminated Suspensions of Titanium Dioxide," <u>Wat. Res.</u> , Vol.24, No.5, pp. 653-660, 1990.
SHV	AT		Venkatadri, R., et al., "Chemical Oxidation Technologies: Ultraviolet Light/Hydrogen Peroxide, Fenton's Reagent, and Titanium Dioxide-Assisted Photocatalysis," <u>Hazardous Waste & Hazardous Materials</u> , Vol. 10, No. 2, pp. 107-149, 1993.
SHV			Hsiao, C.Y., et al., "Heterogeneous Photocatalysis: Degradation of Dilute Solutions of Dichloromethane (CH ₂ Cl ₂), Chloroform (CHCl ₃), and Carbon Tetrachloride (CCl ₄) with Illuminated TiO ₂ Photocatalyst," <u>Journal of Catalysis</u> , 82, pp.418-423, 1983.

EXAMINER	DATE CONSIDERED <u>April 6, 2004</u>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LIT-PI-420	SERIAL NO. <u>08708, 963</u> Filed Herewith	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gering		
				FILING DATE Filed Herewith <u>11/9/2003</u>	GROUP Unknown <u>1753</u>	
U.S. PATENT DOCUMENTS						
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA					
	AB					
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	AF					
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	AJ					
	AK					
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL					
	AM					
	AN					
	AO					
	AP					
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)						
SHV	AR		Prairie, M. R., et al., "Evaluation of the Treatment of Metal-Edta Complexes using TiO ₂ Photocatalysis," <u>Solar Engineering</u> , pp. 71-78, 1996			
SHV			Koval, C., et al, "Solar Hydrogen Production"			
SHV	AS		"Titanium dioxide photocatalysis: Treatment hype or hope?" <u>Environmental Science & Technology/News</u> , Vol.30., No.7, p.284A, 1996			
SHV			Serpone, N., et al., "AMI Simulated Sunlight Photoreduction and Elimination of Hg(II) and CH ₃ Hg(II) Chloride Salts from Aqueous Suspensions of Titanium Dioxide," <u>Solar Energy</u> , Vol. 39, No.6, pp. 491-498, 1987			
SHV	AT		Prairie, M. R., et al., "An Investigation of TiO ₂ Photocatalysis for the Treatment of Water Contaminated with Metals and Organic Chemicals," <u>Environmental Science Technology</u> , Vol.27, No.9, pp. 1776-1782, 1993			
SHV			Imadojemu, H.E., "Literature Survey of Concentrating Solar Collectors," <u>The American Society of Mechanical Engineers</u> , pp. 719-730 1995			
EXAMINER 			DATE CONSIDERED <u>April 6 2004</u>			
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